

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MA03
STATION NUMBER	MA03
4 CHAR ID	MA03
COUNTRY	IRAQ
LOCATION	SPARROW HAWK AIRBASE MAYSAN
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	12 AUG 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MA03
4 CHAR ID	MA03
STATION NUMBER	MA03

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	31°49'25.54" N
LONGITUDE E / W	47°05'02.29" E
HT (M)	+2
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PA 97238 22796
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LOCKHART	UNIT: IGRS	DATE: 12 AUG 2005
FIELD CHECKED BY: ELLIS	UNIT: IGRS	DATE: 12 AUG 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 17-Apr-04

LATITUDE N	31° 49' 25.62794"
LONGITUDE E	047° 05' 02.29969"
SPHEROIDAL HT (M)	-6.689
EGM96 GEOID MODEL HT (M)	-13.497
ORTHOMETRIC HT (M)	6.808
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.004
RELATIVE HEIGHT ACCURACY (M)	0.018
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 17-Apr-04

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MA03	
STATION NUMBER: MA03	4 CHAR ID: MA03
LOCATION: SPARROW HAWK, MAYSAN	COUNTRY: IRAQ
STATION ADDRESS: SPARROW HAWK AIRBASE, MAYSAN	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: NEW	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 6

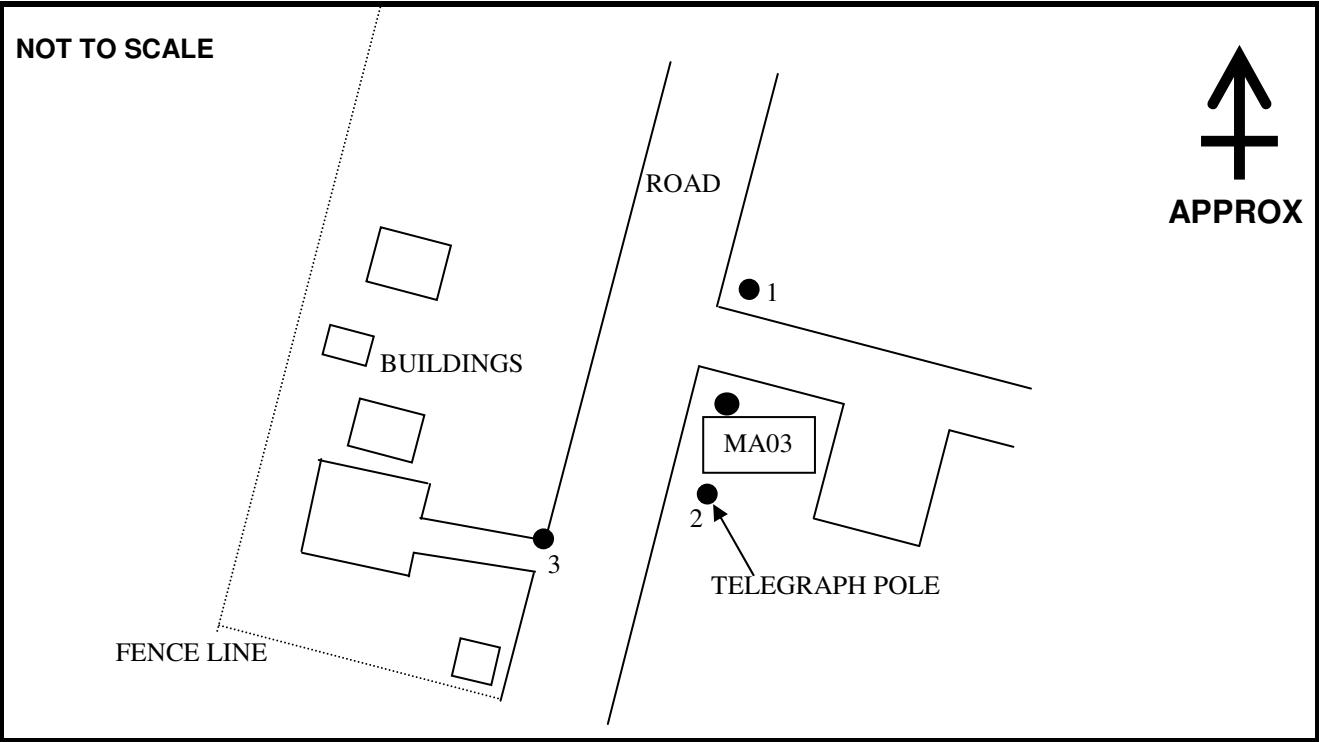
MONUMENT PHOTO / SKETCH



PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

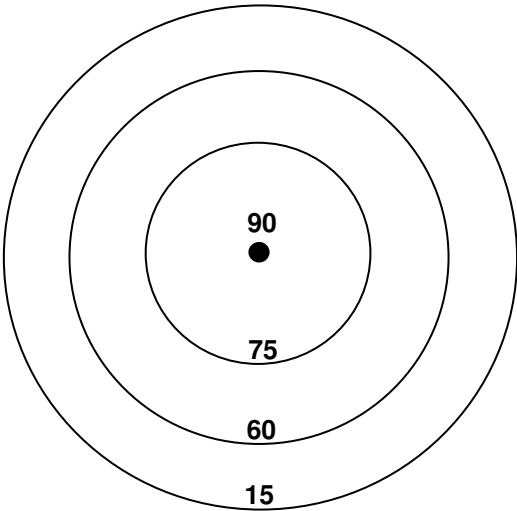
STATION DIAGRAM

STATION LONG NAME: MA03	
STATION NUMBER: MA03	4 CHAR ID: MA03



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE(m)
1	SHORT POST	175°	17
2	TELEGRAPH POLE	28°	12
3	CORNER OF ROAD JUNCTION	57°	25
4			

OBSCURITY DETAILS

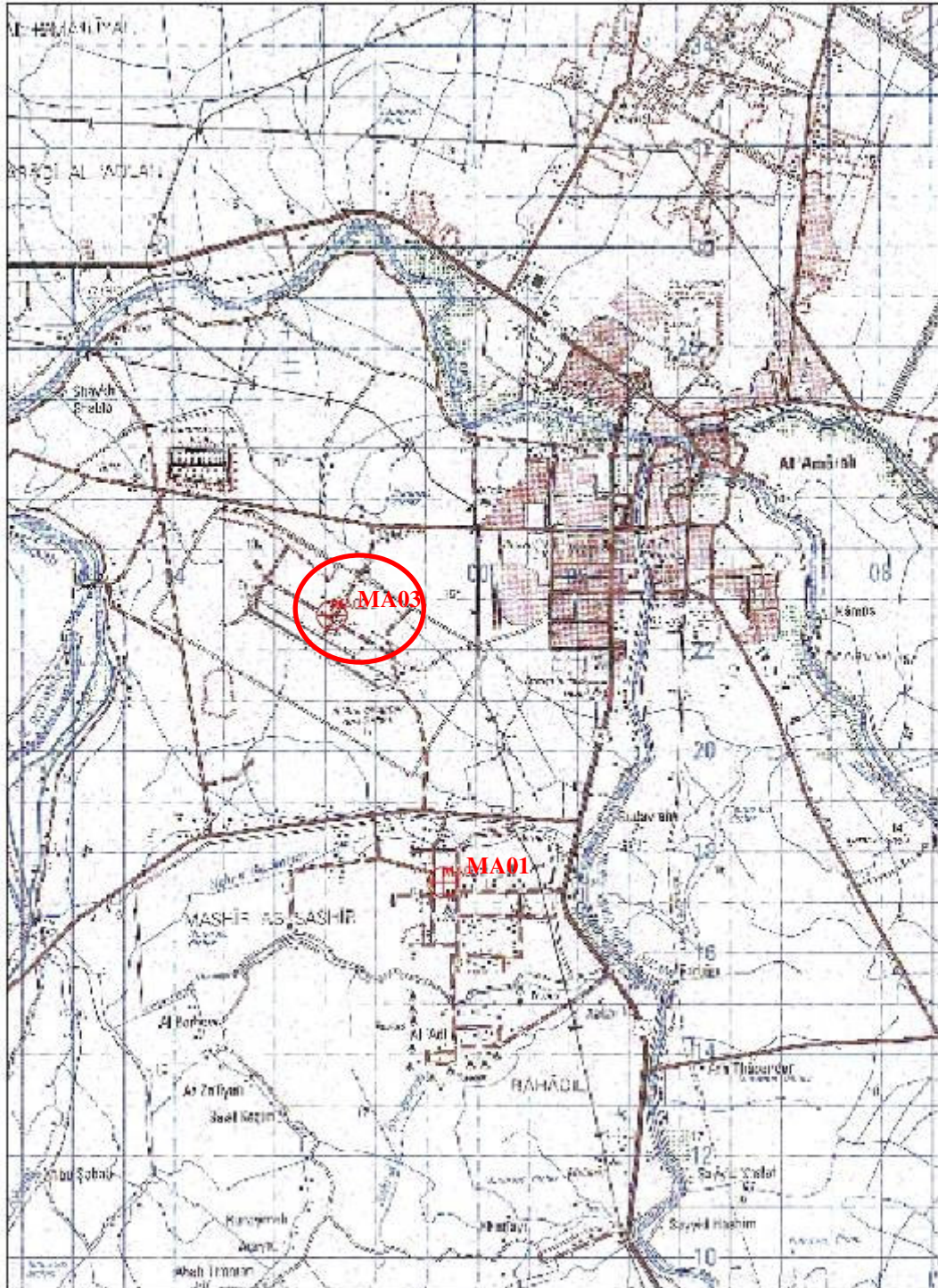


PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

ACCESS MAP

STATION LONG NAME: MA03		
STATION NUMBER: MA03		4 CHAR ID: MA03

MAP DETAILS	SERIES: K643	SHEET: 5453
EDITION: 1-DMA	SCALE: 1:100,000	GR: 38R PA 994 174



PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 17 AUG 2005
CHECKED BY: COLWELL	UNIT: IGRS	DATE: 17 AUG 2005

ACCESS DESCRIPTION

STATION LONG NAME: MA03		
STATION NUMBER: MA03		4 CHAR ID: MA03

MAP DETAILS	SERIES: K643	SHEET: 5453
EDITION: 1- DMA	SCALE: 1:100'000	GR: 38R PA 994 174

From the main road junction at gr 38R QA 034 138, head north on route 6 for approximately 5km. At gr 38R QA 020 188, head west for 1km. Head north at gr 38R PA 989 189 for approximately 2km. Head west at gr 38R PA 983 220 into sparrow hawk camp. The point is located on the first road junction as you enter camp.

PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: MA03	
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NEAR APPROACH FACING NORTH



FAR APPROACH FACING EAST



TAKEN BY: LOCKHART	DATE TAKEN: 12 AUG 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA03	
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NORTH



SOUTH



TAKEN BY: LOCKHART	DATE TAKEN: 12 AUG 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA03	
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EAST



WEST



TAKEN BY: LOCKHART	DATE TAKEN: 12 AUG 2005
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